FILE NOTATIONS	Alandonnens
Entered in NID File Entered On S R Sheet Location Map Pinned Card Indexed	Checked by Chief Copy N I D to Field Office Approval Letter Disapproval Letter
COMPLETION DATA: Date Well Completed 4-19-15 OW	Location Inspected Bond released State of Fee Land
Driller's Logs (No.)	S FILED

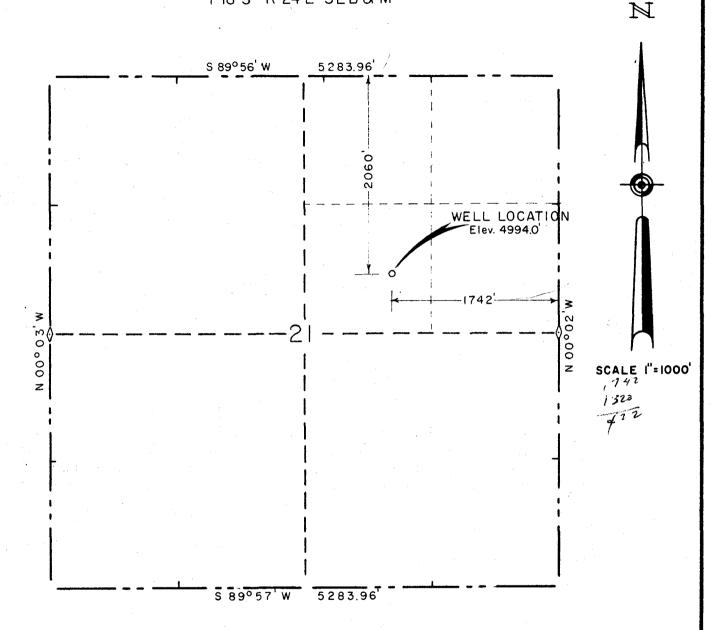
COW 5-22-90

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1s. THE OF WORK STEP OF WORK PROPERTY PLUG BACK PROPERTY PROP		2 CAS CONSED	VATION CO	MMISS	ION		5. LEASE DESIGNATION AND SERIAL NO.
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK N. STER OF WILL STER OF WILL SUPER SUPE	OIL	& GAS CONSER	VALION CO	IVI IVII O O	1014		U-0144394
DEEPEN PLUG BACK 5. TYPE OF WALL OWELL OWEN OWELL	APPLICATION	FOR PERMIT	O DRILL, I	DEEPEN	I, OR PLUG E	BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
DRILL S	1a. TYPE OF WORK						7. UNIT AGREEMENT NAME
DIG CAND OF THE STATE OF THE ST	DRI	LL x	DEEPEN		PLUG BA		
SAND OF OPERATOR Big Horn-Powder River Corporation 3. ANDIAGE OF OPERATOR 8. OPERATOR 8. Department of the control of the		AS [77]				יב דן אנזי	S. FARM OR LEASE NAME
8. ADDRESS OF OPERATOR 8.20 Petroleum Club Bldg, Denver, Colorado 4. Locators of verse, (Report location clearly and in accordance with any fiste requirements.) At proposed prof. 2006 PNIJ, 1742 FEL Sec. 21, T18S, R24E, SLM At proposed prof. 2008 PROJECTION FROM THE PROFESSION OF THE PROFESSION	WELL LM W	ELL OTHER		ZONE	ZONE	<u> </u>	
8. ADDROBER OF OTREATOR 820 Petroleum Club Bidg, Denver, Colorado 4. LOCATION OF WILL (Report location deathy and is accordance with any state requirements.) 4. LOCATION OF WILL (Report location deathy and is accordance with any state requirements.) 4. LOCATION OF WILL (Report location deathy and is accordance with any state requirements.) 4. LOCATION OF WILL (Report location deathy and is accordance with any state requirements.) 4. LOCATION OF WILL (Report location deathy and is accordance with any state requirements.) 4. LOCATION OF WILL (Report location deathy and is accordance with any state requirements.) 4. LOCATION OF WILL (Report location deathy and is accordance with any state requirements.) 4. LOCATION OF WILL (Report location deathy and is accordance with any state requirements.) 4. LOCATION OF WILL (Report location deathy and is accordance with any state requirements.) 4. LOCATION OF WILL (Report location deathy and is accordance with any state requirements.) 4. LOCATION OF WILL (Report location deathy and is accordance with any state requirement (II). 5. LOCATION OF WILL (Report location deathy and is accordance with any state requirement (II). 5. LOCATION OF WILL (Report location deathy and is accordance with any state requirement (II). 5. LOCATION OF WILL (Report location death) 6. LOCATION OF WILL (Report location death) 7. LOCATION OF WILL (Report location death) 7. LOCATION OF WILL (Report location death) 8. LOCATION OF WILL (Report location dea		Damilan Di-		. 4			
A PERFORM FOR THE ABOVE OF SHEAR PROPERTY OF THE PROPERTY OF SHEAR		rn-Powder Riv	er Corpor	ation			
4. TOCATION OF WHELL (RESPON FORCELL) COUNTY OF THE PROOF OF WHICH PER POOR WHICH PER POOR OF WHELL (RESPONDED TO AND		. 4 1	D14 - Dame		-1 d -		
At proposed prod. 2060 FNL, 1742 FELSec. 21, T18S, R24E, SLM At proposed prod. 2062 At proposed prod. 25 SUNE At proposed prod. 2062 Approximately as above SE SUNE 3pproximately as above SE SUNE 15. Department of the proposed prod. 25 SUNE 9 miles northwest of Harley Dome, Utah 16. Proposed prod. 2062 Approximately as above profest 17. No. 09 Acres Assistance 18. Department of the proposed prod. 25 SUNE 19. Department of the proposed prod. 25 SUNE 10. SUNE of the proposed productive productive productive productive properties. 25 SUNE 10. SUNE of the proposed proposed productive properties. 25 SUNE 10. SUNE of the proposed proposed productive proposed productive proposed	820 Pe	etroleum Club.	in accordance with	er, Co	Olorado		.
At proposed prof. Som. approximately as above \$\frac{\text{E}}{2}\$ SUNE 3 miles northwest of Harley Dome, Utah 9 miles northwest of Harley Dome, Utah 10 northwest of Harley Dome, Utah 11 no. or acres in Lease Line; Fr. (any) 12 country or parker; 18 state of Canada Co., Utah 13 northwest of Harley Dome, Utah 14 northwest of Harley Dome, Utah 15 northwest of Harley Dome, Utah 16 no. or acres in Lease Line; Fr. (any) 18 no. or acres and same same same proposed for the proposed service of the proposed of the prop	At surface					•	
13. Distance in Miles and dissection from absentance towns of four offices 9 miles northwest of Harley Dome, Utah 10. Distance from the proposed of the property of the proposed of the prop	2060 	FNL, 1,742 FE	CL _{Sec. 21}	, T18S	5, R24E, SLN	√L	AND SURVEY OR AREA
13. Distance in Miles and dissection from absentance towns of four offices 9 miles northwest of Harley Dome, Utah 10. Distance from the proposed of the property of the proposed of the prop			Thicket	< s	SULLIE		Sec. 21, T18S, R24E
9 miles northwest of Harley Dome, Utah 15. 10. 10.		approximately	as above				12 COUNTY OF PARISH 13 STATE
18. DEPARTMENT REPORTED 18. NO. OF ACRES IN LABSE IN T. NO. OF ACRES ASSESSMENT TO PRINCE FOR PROPOSED LOCATION 300 N.E. of 19. DEPARTMENT OF BLANK LINK, IS ABY 19. DEPARTMENT OF MORE LOCATION 300 N.E. of 19. DEPARTMENT OF MORE LOCATION 300 N.E. OF MORE LOCA				-			1
THE WILL STATE OF CASING THE WILL STATE OF CASING AND CEMENTING PROGRAM It is proposed to drill a 13-3/8" and of could be drilled from under surface casing to total depth 3,000° using air as the circulating medium. Blowout preventer equipment (10" 600 series double hydraulic) and rotating head will be utilized during air drilling operations. It is intended to set a 5½" oil string through deepest productive zone. Estimated formation tops are as follows: Mancos shale Dakota 28. 1, 200 10. PROFOSED DEFTH 20. BOTARY OR CALLED TOOLE 12. APPROVAL DATE 22. APPROVAL DATE 23. APPROVAL DATE 13-3/8" QUANTITY OF CEMENT 24. APPROVAL DATE 25. APPROVAL DATE 26. BOTARY OR CALLED TOOLE 26. APPROVAL DATE 27. APPROVAL DATE 28. APPROVAL DATE 28. APPROVAL DATE 29. DATE 20. BOTARY OR CALLED TOOLE 20. BOTARY OR CALLED TOOLE 22. APPROVAL DATE 24. APPROVAL DATE 26. BOTARY OR CALLED TOOLE 27. APPROVAL DATE 27. APPROVAL DATE 28. DATE 29. BOTARY OR CALLED TOOLE 29. BOTARY OR CALLED TOOLE 20. BOTARY OR CALLED TOOLE 20. BOTARY OR CALLED TOOLE 22. APPROVAL DATE 24. APPROVAL DATE 26. APPROVAL DATE 27. APPROVAL DATE 27. APPROVAL DATE 27. DATE 27. APPROVAL DATE 27. DATE 27. DATE 27. DATE 20. APPROVAL DATE 20. BOTARY OR CALLED TOOLE 20. BOTARY OR CALLED TOOLE 21. APPROVAL DATE 22. APPROVAL DATE 24. APPROVAL DATE 26. APPROVAL DATE 27. DATE			riey Dome			1 17 NO	
Albe to nearest dig. Inc. It and 19. PROPOSED DEPTH 20. ROTARY OR CARLE TOULA 19. PROPOSED DEPTH 20. ROTARY OR CARLE TOULA 22. APPROX. DATE 22. APPROVAL DATE 23. APPROVAL DATE 24. APPROVAL DATE	LOCATION TO NEARES	T			. /		HIS WELL
21. HENATIONS (Show whether DP, RT. GR, etc.) 4994 ungraded ground 22. PROPOSED CASING AND CEMENTING PROGRAM BIZE OF CASING SIZE OF CASING 13-3/8" 10-3/4" 13-3/8" 10-3/4" 13-00 lb. 3,000 50 sax regular 7-7/8" It is proposed to drill a 13-3/8" surface hole to 160° and set 10-3/4" casing to that depth. A 7-7/8" hole will be drilled from under surface casing to total depth 3,000° using air as the circulating medium. Blowout preventer equipment (10" 600 series double hydraulic) and rotating head will be utilized during air drilling operations. It is intended to set a 5½" oil string through deepest productive zone. Estimated formation tops are as follows: Mancos shale Dakota 2770! Morrison IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. 25. PERMIT NO. APPROVAL DATE APPROVAL DATE 26. PATE OF THE PROPOSAL IP ANY:	minh thompon at ania)				1,200		
21. HENATIONS (Show whether DP, RT. GR, etc.) 4994 ungraded ground 22. PROPOSED CASING AND CEMENTING PROGRAM BIZE OF CASING SIZE OF CASING 13-3/8" 10-3/4" 13-3/8" 10-3/4" 13-00 lb. 3,000 50 sax regular 7-7/8" It is proposed to drill a 13-3/8" surface hole to 160° and set 10-3/4" casing to that depth. A 7-7/8" hole will be drilled from under surface casing to total depth 3,000° using air as the circulating medium. Blowout preventer equipment (10" 600 series double hydraulic) and rotating head will be utilized during air drilling operations. It is intended to set a 5½" oil string through deepest productive zone. Estimated formation tops are as follows: Mancos shale Dakota 2770! Morrison IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. 25. PERMIT NO. APPROVAL DATE APPROVAL DATE 26. PATE OF THE PROPOSAL IP ANY:	18. DISTANCE FROM PROP	POSED LOCATION* 3001	VE of	19. PROP	OSED DEPTH	20. ROTA	RY OR CABLE TOOLS
21. ELEMATONS (Show whether DF, Rf, GR, etc.) 4994* ungraded ground 22. PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEFTH QUARTITY OF CEMENT	OR APPLIED FOR, UN TH	" Great Weste:	rn #1 Fed		3,000	<u> </u>	Rotary
PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE	21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)				<i>2</i>	22. APPROX. DATE WORK WILL START*
SIZE OF HOLE SIZE OF HOLE SIZE OF HOLE 13-3/8" 10-3/4" 32.75 lb. 160" 40 80 sax regular 7-7/8" 51/2" 13.00 lb. 3,000! 50 sax regular Total for the same of the same	4994 [‡] 1	ungraded groun	ıd			· :	upon approval
13-3/8" 10-3/4" 32.75 lb. 160t # 46 80 sax regular 7-7/8" 5 1/2" 13.00 lb. 3,000t 50 sax regular 50 sax regular 50 sax regular 50 sax regular 10-3/4" casing to that depth. A 7-7/8" hole will be drilled from under surface casing to total depth 3,000t using air as the circulating medium. Blowout preventer equipment (10" 600 series double hydraulic) and rotating head will be utilized during air drilling operations. It is intended to set a 5 1/2" oil string through deepest productive zone. Estimated formation tops are as follows: Mancos shale Dakota 2770t 2850 IN AROVE SPACE DESCRIBE PROPOSED FROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout presenter program, if any. 24. SIGNED APPROVAL DATE DAT	23.]	PROPOSED CASI	IG AND C	EMENTING PROGR.	AM	
Tit is proposed to drill a 13-3/8" surface hole to 160° and set 10-3/4" casing to that depth. A 7-7/8" hole will be drilled from under surface casing to total depth 3,000° using air as the circulating medium. Blowout preventer equipment (10" 600 series double hydraulic) and rotating head will be utilized during air drilling operations. It is intended to set a 5½" oil string through deepest productive zone. Estimated formation tops are as follows: Mancos shale Dakota 2770° Morrison IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout present program, if any. PERMIT NO. APPROVAL DATE	SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	00 T	SETTING DEPTH		QUANTITY OF CEMENT
Titis proposed to drill a 13-3/8" surface hole to 160° and set 10-3/4" casing to that depth. A 7-7/8" hole will be drilled from under surface casing to total depth 3,000° using air as the circulating medium. Blowout preventer equipment (10" 600 series double hydraulic) and rotating head will be utilized during air drilling operations. It is intended to set a 5½" oil string through deepest productive zone. Estimated formation tops are as follows: Mancos shale Dakota 2770° Morrison IN AROVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout present program, if any. PERMIT NO. APPROVAL DATE APPROVAL DATE DA	13-3/818	10-3/4"	32. 75	1b	160° #-40	80 8	sax regular
It is proposed to drill a 13-3/8" surface hole to 160° and set 10-3/4" casing to that depth. A 7-7/8" hole will be drilled from under surface casing to total depth 3,000° using air as the circulating medium. Blowout preventer equipment (10" 600 series double hydraulic) and rotating head will be utilized during air drilling operations. It is intended to set a 5½" oil string through deepest productive zone. Estimated formation tops are as follows: Mancos shale Dakota 2770° Morrison Surface of ground 2850 Loso Hune Constitute sone and proposed new productive zone. If proposal is to deepen or plug back, give data on present productive sone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. President DATE		5 111	1	-	3 000	50 5	sax regular
depth. A 7-7/8" hole will be drilled from under surface casing to total depth 3,000" using air as the circulating medium. Blowout preventer equipment (10" 600 series double hydraulic) and rotating head will be utilized during air drilling operations. It is intended to set a 5½" oil string through deepest productive zone. Estimated formation tops are as follows: Mancos shale Dakota 2770 Morrison Surface of ground 2850 Wash Line 125 IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. TITLE President DATE	It is nron	osed to drill a	 13-3/8" st	rface			
using air as the circulating medium. Blowout preventer equipment (10" 600 series double hydraulic) and rotating head will be utilized during air drilling operations. It is intended to set a 5½" oil string through deepest productive zone. Estimated formation tops are as follows: Mancos shale Dakota 2770 Morrison Surface of ground 2770 Morrison 2850 Las 4 Line 250 IN AROVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. TITLE President DATE DAT							
It is intended to set a 5½° oil string through deepest productive zone. Estimated formation tops are as follows: Mancos shale Dakota Dakota Dakota Surface of ground Dakota 2770° Morrison IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout the space for Federal or State office use) PERMIT NO. APPROVAL DATE DATE DATE DATE DATE DATE DATE DATE	_						
It is intended to set a 5½ oil string through deepest productive zone. Estimated formation tops are as follows: Mancos shale Dakota Dakota Dakota Dakota Surface of ground Dakota 2770 Morrison IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. President DATE DATE DATE DATE DATE DATE DATE DATE DATE	_	_			-		The state of the s
Mancos shale Dakota Dakota Morrison IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. President President President Pare #-7-6 APPROVAL DATE DATE DATE DATE	double hydra	ulic) and rotati	ng head wi	ll be u	tilized durin	g air d	rilling operations.
Mancos shale Dakota Dakota Morrison IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. President President President DATE APPROVAL DATE DATE DATE DATE	It is intend	led to set a $5\frac{1}{5}$ "	oil string	throug	gh deepest pr	oducti	ve zone. Estimated
Mancos shale Dakota Dakota Dakota Morrison IN ABOVE SPACE DESCRIBE PROPOSED FROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. SIGNED TITLE President DATE APPROVAL DATE DATE DATE DATE		₩	U	`		14	
Dakota Morrison 2850 LGO // LINE /250 IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. SIGNED H. C. Wadlington (This space for Federal or State office use) PERMIT NO. APPROVED APPROVAL DATE DATE DATE DATE		,			./	.4	김 교회는 등 경험 등등활동
Dakota Morrison 2850 LGO // LINE /250 IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. SIGNED H. C. Wadlington (This space for Federal or State office use) PERMIT NO. APPROVED APPROVAL DATE DATE DATE DATE	7. 4	Tamana ahala		Canad	oo of amoun		
Morrison 2850 Morrison Morrison 2850 Morrison Morr						a .	And thoday
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. SIGNED H. G. Wadlington (This space for Federal or State office use) PERMIT NO. APPROVAL DATE APPROVAL DATE CONDITIONS OF APPROVAL, IF ANY:		· · · · · · · · · · · · · · · · · · ·					
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. SIGNED H. G. Wadlington (This space for Federal or State office use) PERMIT NO. APPROVAL DATE APPROVAL DATE CONDITIONS OF APPROVAL, IF ANY:	\mathbf{M}	[orrison —		2	2850 √		4551 /4 LINE 1250
zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowder preventer program, if any. 24. SIGNED H. G. Wadlington (This space for Federal or State office use) PERMIT NO						194	
zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowder preventer program, if any. 24. SIGNED H. G. Wadlington (This space for Federal or State office use) PERMIT NO							
SIGNED H. C. Wadlington (This space for Federal or State office use) PERMIT NO	zone. If proposal is to	drill or deepen direction	proposal is to deep ally, give pertinen	pen or plu t data on	g back, give data on p subsurface locations a	resent proc nd measure	ductive zone and proposed new productive d and true vertical depths. Give blowout
SIGNED H. C. Wad Ington (This space for Federal or State office use) PERMIT NO		У.				<u> </u>	
(This space for Federal or State office use) PERMIT NO	XI	Malley		PLE	President		DATE 4-7-65
APPROVAL DATE APPROVED TY CONDITIONS OF APPROVAL, IF ANY:	(White space for Fode						
APPROVED TITLE DATE CONDITIONS OF APPROVAL, IF ANY:	the st	Jim or State Office and)	ē.			77 7	
CONDITIONS OF APPROVAL, IF ANY:	PERMIT NO.			A1	PPROVAL DATE	/	
CONDITIONS OF APPROVAL, IF ANY:	APPROVED		TI	rlb			DATE
		VAL, IF ANY:	<u> </u>				

WELL LOCATION
SW14 NE14 SECTION 21
TIBS R 24 E SLB&M



Etevation run from G.W.D. Well S.W./4 NE./4 Sec. 21. Elev. 4995.

this plat was plotted from notes of a field survey made under my supervision on March 23, 1965.

Registered Engineer & Land Surveyor

WESTERN ENGINEERS

WELL LOCATION

BIG HORN POWDER RIVER CORP.

A-I FEDERAL WELL

GRAND COUNTY, UTAH

SURVEYED W.F.O.

Grand Junction, Colo. 3/23/6

BIG HORN-POWDER RIVER CORPORATION

Oil and Gas Proaucer

W. D. PYLE CHAIRMAN OF THE BOARD 820 Petroleum Club Building

TELEPHONE 534-3550

GENERAL COUNSEL
ROBERTS & MCINNIS
CONTINENTAL BUILDING
WASHINGTON. D.C.

H. C. WADLINGTON

PRESIDENT

DENVER, COLORADO 80202

CHAS. B. McINNIS EXEC. VICE PRES. AND SEC.

April 9, 1965

RALPH A. SMITH TREASURER

> Utah Oil and Gas Conservation Commission 310 Newhouse Building Salt Lake City, Utah

> > Re: Application for permit to drill a well in Sec. 21, T18S, R24E, SLM, Grand County, Utah

Dear Sir:

Confirming our telephone conversation of this date, please be advised that the location of the well is due to the fact that the proper location would be in a dry wash which would be subject to the burdens of a flash flood and also desirable to be within 300° of the previous drilled well.

A check of the survey of the old well shows it to be in error. The exact location of the previous drilled well is 2279 FNL and 1980 FEL and because of a favorable sand section in the old well we wanted to be as close to that hole as possible which is 300 to avoid any possible contamination from lost circulation materials. Therefore, it is geological and topographic conditions which choose the location to be as surveyed.

Big Horn-Powder River Corporation owns all of the interest in the Utah State lease in Section 16 and all of the interest in the Federal leases in Sections 21, 22, 27 and 28. There is no Over-riding Royalty interest in any of the leases therefore, there should be no controversy in regard to lease property lines.

Big Hown-Powder River Corporation filed documents to do business in the State of Utah in 1953. Our agent in the State of Utah is George Fehr, Salt Lake City, Utah.

I trust this information will complete the requirements so that Big Horn may be in good standing with the Oil and Gas Conservation Commission.

Yours very truly,

BIG HORN-POWDER RIVER CORPORATION

H. C. Wadlington

President

April 12, 1965

Big Horn-Powder River Corporation 820 Petroleum Club Building Denver, Colorado 80202

Attention: Mr. H. C. Wadlington, President

Re: Notice of Intention to Drill Well No. FEDERAL A"-#1, 2060' FML & 1742' FEL, SE SW NE of Sec. 21, T. 18 S., R. 24 E., SLBM, Grand County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill said well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission. However, this approval is conditional upon a Designation of Agent being filed with this Commission in accordance with Rule A-4, of our rules and regulations.

As soon as you have determined that it will be necessary to plug and abandon said well, you are hereby requested to <u>immediately</u> notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer Home: 277-2890 - Selt Lake City, Utah

HARVEY L. GOONTS, Petroleum Engineer Home: 487-1113 - Salt Lake City, Utah

Office: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if this well has not been spudded within said period.

Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly

assessable near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT EXECUTIVE DIRECTOR

CBF: kgw

ce: Mr. Rodney Smith, District Engineer U. S. Geological Survey Salt Lake City, Utah

Enclosure - Forms

Hemi

U. S. Land Office Utah
SERIAL NUMBER U-0144394

LEASE OR PERMIT TO PROSPECT _845.71

Form 9,330

FOLD | MARK

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

	~ °								
_	any <u>Big</u>	Horn-Po	wder Ri	ver Corp	Addre	ess <u>Denver</u> ,	Colorac	lo	\$=====================================
Lesson	r or Tract.	Federal			Field	Wildcat	Stat	e <u>Ut</u>	ah
						SLMCo			
Locati	ion 2060ft.	{\stackstackstackstackstackstackstackstack	Line and	1.742ft.	X of E]	Line ofSec.	. 21	Elevat	ion5005_D
\mathbf{T}	he informa	ation given h	erewith is	a complete	and corre	ct record of the w	rell and a	ll work	done thereon
Date .	April 21	, 1965		PLAN 70 ***		H. C. Wad Title P	llington reside) 2t	
	_				of the we	llatabove date.			
Comm	ienced@drffl	ing 30 A	or i l 15°	at <u>plui</u> 181	65 Finis	hed drilling Posts	April P	ginja de	C48 195.
	E.H.I	ed hole w	ith flati	L OR GAS	SANDS	OR ZONES	n.xOra	,	, 00
_	godg -	- Hed 30 gs	T Carner	(De	note gas by G	1601 163000 E.	r je verse.		
No. 1,	, from <u>几</u> 万多	hole was youe	- to 10 8 8 6 6	gardaba	ndone	4. from 13 1300	, din th	to <u>totto</u> :	and participation
						5, from			
No. 3,	from	ancedus s	20 to =1_3_1	lours.	No.	6, from R SANDS R SANDS R FOOT R F		to	22 CA CA T
. 01	ncounter	ad dumina	Seith 1	MPORTAN	T WATER	SANDS	28901	ing it	U: /wataw
No. 1	of Tom Sea	nerua e None	ur so so	is circula	N_0	sitrom Ritrom	iwe erec	iù Ω™ (ANG WENE
T	<u>re zyrifec</u>	aomi ju ea	II.,,	<u> </u>	<u>ు</u> ⊸్ ∨ా వై.ి	iyiliga arom n	ndeniay	Y.gacs	<u>Caping</u>
No. 2,	intom	-1:3016 4	ત્ત.ૄ ા છે.	zeir-yi	~3/ 47 4.0. 73	aumomet at 150	1SITIGL-C1	SOLICIUS	31)120111111
	ેવ્યક	jact well /	was spu	CASI	ng Rèco	kD and 13-3/4			<u> </u>
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of stree	Cut and pulled from	Perform—	rated To-	Purpose
-3/4	32.75	8 rnd	Youngs	toxxxx 15				10	
J/ I	**				3.43 ^r				
isteri Sentari	dare now the rele	r <u>etralia ing</u> 50	117, 75 F6 898 122, 422, 1923-2		3.43 ¹ 'exas Pa	ttern None.	न्हर्संतरक, गोहं ब्रास्ट्रीयकारी	ray Turnit 21 - 22 July 10	Surface ca
igi (he rsiceer ristem	dare now the rele	r <u>etralia ing</u> 50	in three ele- to sessible, refreshmen	15 50 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3.43 ¹ lexas Pa s en chess composition	ttern None	511 Mrc. Auss person field revisites inte revisites interesting	s.a.l. realiti s. rad it s s. rad it s sel pracing	Surface ca
igi nega (he nega (se nega (se	dare now the rele	r <u>etralia ing</u> 50	to large e.c	372517 536 7758 2	a ent dhensa Ku e g yo wen	ttern None	silitiodas Lasta fait	regionali Pangaga Pangaga Pangaga	Surface ca
rigi (pr rigical) riginal	dare now the rele	r <u>etralia ing</u> 50	TE TOTE FO	1. 1021. Ok		AS WALL	silitiodas Lasta fait	ray burning di ozgani di ozgani di ozgani di ozgani	Surface ca
Size	dare now the rele		TE TOTE FO	ON SING AND	CEMENT	EVE MEET		ा प्रमास है। या प्रमास है। या प्रमास है।	230 6. 13 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Size casing	Where set	Numbe	MUDD er sacks of cen	OI DING AND	CEMENT Method used	ING RECORD Mud gravity	An	ount of m	and used
Size	Where set	Numbe	MUDD	OI DING AND	CEMENT	ING RECORD Mud gravity	An	ount of m	and used
Size casing	Where set	Numbe	MUDD er sacks of cen	OI DING AND	CEMENT Method used	ING RECORD Mud gravity	An	ount of m	and used
Size	Where set	Numbe	MUDD er sacks of cen	PING AND nent	CEMENT Method used pump &	ING RECORD Mud gravity p.ug	An	ount of m	and used
Size casing 0 - 3 /	Where set	Numbe	MUDDer sacks of central	PLUGS A	CEMENT Method used pump. &	ING RECORD Mud gravity plug PTERS	An	tount of m	and used
Size casing 0-3/	Where set 4 1651	Numbe	MUDDer sacks of cen	PLUGS A	CEMENT Method used pump &	ING RECORD Mud gravity plug PTERS	An Depth set	aount of m	and used

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		1	1 !	§		1
		ì	i .	1		
			TOOLS US	SED		
Rotary too	ls were used f	rom0 f	eet to28	90 feet	, and from	feet to feet
Cable tools	s were used fro	om f	eet to	feet	, and from	feet to feet
			DATES		1 · • · · ·	10
						, 19
			:	arreis oi		% was oil; %
•		; and % sedim			• •	0,
_				ons gaso	line per 1,000 ci	n. ft. of gas
Rock	p res sure, lbs. 1	per sq. in.	EMPLOYE	777 <i>6</i> 2 .		
Loui	s Parker	, Drid			U. P. Cro	wson, Driller
	•	, Dril				ham, Driller
	F4		RMATION I			
FROM-	то	_ TOTAL F	eet		FORMAT	TION
O ^t		20 [‡] 2	0 [†] Suri	face bl	ow sand & s	oil
20		60 264	-	cos sh		
2660		20 6	0 Dak	ota Sil	t	
2720	27	58 3	8 Mar	cos sh	ale tongue	•
2760	2.8	844 8	4 Dak	ota sa:	ndstone and	siltstone
2844	28	390 4	6 Mor	rison	shale	
•						
				ř		
		- TADALY I.	(OVER)		36939173	1843094-2

16 43094-1 ... u. s. Government printing offic

It is of the greatest importance to have a c	·		1 .
IL IS OF the greatest importance to have a c	Ilom of the waterid atalogue.	Divoro -4-4- to F. i T. i	A 7 ATTA
The state of the s	ATTRICTE MISTORY OF THE MEIL	Ficase state in detail the date	s of redrilling together
with the reasons for the work and its regults	To Alama manage	and the second s	on rounning, together
with the reasons for the work and its results.	II there were any change	s made in the cacing ctate full-	and if any against man
with the reasons for the work and its results.		s made in the casing, state inny	and if any casing was
Sideliacked of leit in the well, give its size a	nd location If the well he	a hoon dynamited wine I-t	The state of the s
7.0 100 0120 0	THE POST OFFICE STOP IN THE	o mecu ujuamiteu. Live date, size	nosition and number
of shore. If hings or bridges were but in to too	of for motor other Alive - in it.	G. Standard in the Control of the Co	bonzarovitation visiting Contact
Property of printing on were har in the fee	t 101 water, State King of ma	lierial used, nosition, and reculte	of numning or hailing
"sidetracked" or left in the well, give its size a of shots. If plugs or bridges were put in to tes	COTAKE COS TO	PARTY TO BELLEN	vi pumping or bailing.
DOMESTIC AND TO AND A CHARGO A	J. O2303 - 1 - 212 - 02 2 -		

Subject well was spudded April 15, 1965 and 13-3/4" surface hole drilled to 170^t. Surface casing, 10-3/4" was set at 165^t and cemented to the surface of ground. A 7-7/8" hole was drilled from under surface casing to TD 2890^t using air as the circulating medium. No shows of oil or gas were encountered during drilling operations. Dust was lost at 2890^t and 110^t water fill-up was measured in 4 hours.

The hole was plugged and abandoned April 19, 1965, in the following manner:

Spotted 30 sax cement plug at 2850-2760^t across Dakota Filled hole with fluid

Commenced Spotted 30 sax cement plug at 210-140* across bottom of surface casing.

The surface plug in top of surface casing with permanent marker.

Company Big Horn-Powder River Corp. Address Denver, Colorado

Theory or Track Foderal

Well No. And Sec. 21. T. 63. 3 258. Exciden ELM County Crand

Location 2.050th (S.) of his line and 1.42th (S.) of his Line of Rec. 24. The patien 5005. It

The information gives of evallable seconds.

Signed

H. C. Waddingtons

Date April 21, 1965.

0

LOC OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

UNITED STATES

3. S. LAND CLEME Utah.

SERIAL NUMBER U-0144394

LEASE OR PERKET TO PROSPECT SALETA

Apt 17 de pires 12-81-52.

to privile

and the same

PLAGGING PROGRAM FORM Name of Company Depth Preside Verbal Approval Given to: Mend Name God Name: Con Office Sec. 21 T. 185 R. 84 Councy: Stand Verbal Approval was given to plug the above mentioned well in the following manner: april 15, 1965 - spedded 103 - H40 - 32.75 lbs. set 153.43 of at 165 ft. - Coment airculated marcon shite 1. D. 2890 en Morrison (46 stm)
Dalarta Lett - 2660
Dalarta Lett - 2720 6 Rue at 2720 Dahalo - 2760 Marrison - 3+ ++ (Cader Mond.) 2 800 - teled - no recong of gos to surface 4 10 pt tot IM= 1.765 T. D. hol water fill up to 100 ft (Chbr) 9 850 to 2760 - abre damp 1) 90 ft plug (3028) Jone and Coner Dakoto (2) Flaid on hole / 3000 play of 3mi on of add and of 103 (165 pt) (15 pt 10) Date Verbally Approved: This 19,1865 Signed: Paul & Quelle

253 P.M well for played.

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

	STATE OF UTAH	SUBMIT IN TRIPLICATE* (Other instructions on reverse side)	5. LEASE DESIGNATION	AND SERIAL NO.	_
OIL & GA	S CONSERVATION COMMISSION	N	U-0144394		
	Y NOTICES AND REPORTS Of a for proposals to drill or to deepen or plug bace "APPLICATION FOR PERMIT—" for such prop		6. IF INDIAN, ALLOTTE	E OR TRIBE NAME	-
OIL GAS WELL	OTHER		7. UNIT AGREEMENT NA	AMB	_
2. NAME OF OPERATOR			8. FARM OR LEASE NAT	ME	-
Big Horn-Po	wder River Corporation		Federal		
8. ADDRESS OF OPERATOR		· · _ · _ · _ · _ · _ · _ · _ · _	9. WELL NO.		_
820 Petroleur	m Club Bldg, Denver, Color t location clearly and in accordance with any St	ado	A-1	R WILDCAT	-
See also space 17 below.) At surface	tiodation creatify and in accordance with any as	and roughts on the	Wildcat		
2060' FNL, 1	1742 [†] FEL Sec. 21, T18S, R	24E, SLM	11. SEC., T., R., M., OR SURVEY OR AREA		_
			Sec. 21, T18	S, R24E,	SL
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, R	r, gr, etc.)	12. COUNTY OR PARISE	1 18. STATE	-
84571	4994 Gr. 5004	DF	Grand	Utah	_
16.	Check Appropriate Box To Indicate Na	ture of Notice, Report, or C	ther Data		
	OR OR THERMOOP MO		ENT REPORT OF:		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WATER SHUT-OFF

FRACTURE TREATMENT

SHOUTING OR ACIDIZING

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Subject well was spudded April 15, 1965, and a 13-3/4" surface hole was mud drilled to 170t in Mancos shale. Five joints (153.43t) of 10-3/4tt, H-40 32.75 lb, new surface casing with one centralizer and Texas pattern shoe, were set at 165° and cemented with 100 sax regular cement. Cement circulated to surface of ground. W.O.C. 12 hours.

Surface casing and blowout preventer were tested for 15 minutes with 500 psi, pressure held.

After obtaining verbal approval, the subject well was abandoned April 19, 1965.

\wedge				
8. I hereby certify that the foregoing is true and corr SIGNED H. C. Wadlingt	-	President	DATE	April 21, 1965
(This space for Federal or State office use)				
APPROVED BY	TITLE		DATE	



					1.41
OGCC-1b•	s'	TATE OF UTAH	SUBMIT IN TRIPLICATE*		(14)
_			(Other instructions on reverse side)	5. LEASE DESIGNATION AND	SERIAL NO.
(IL & GAS CON	ISERVATION COMMISSION	N	U-01443	94
		TICEC AND DEDONTS OF	\ \ \\/\F1.LC	6. IF INDIAN, ALLOTTEE OR	TRIBE NAME
		TICES AND REPORTS OF			
(Do no	t use this form for proj Use "APPL"	posals to drill or to deepen or plug bac ICATION FOR PERMIT—" for such prop	k to a different reservoir.		
ī.				7. UNIT AGREEMENT NAME	·
OIL X	GAS OTHER				
2. NAME OF O				8. FARM OR LEASE NAME	
Big I	Jorn-Powder	River Corporation		Federal	
3. ADDRESS OF		Kiver Corporation		9. WELL NO.	
020 1	D - 4 1 C1-	-h Dida Dameran Cala	obere	A -1	
4. LOCATION O	F WELL (Report location	ab Bldg., Denver, Colon clearly and in accordance with any St	ate requirements.*	10. FIELD AND POOL, OR WI	ILDCAT
See also sp. At surface	ace 17 below.)			Wildcat	
	t FNI. 1742	FEL, Sec. 21, T18S, F	R24E, SLM	11. SEC., T., R., M., OR BLK. SURVEY OR AREA	AND
2000	T. 1411) T. (-16	THE, BCC, 21, 1100, 1	(121), O11(1	SURVEY OR AREA	
				Sec. 21, T18S,	R24E, SLM
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, R	r, GR, etc.)	12. COUNTY OR PARISH 13	. STATE
	04573	4994 Gr 5004	D.E.	Grand	Utah
	84571				
16.	Check A	Appropriate Box To Indicate Nat	ture of Notice, Report, or C	Other Data	
	NOTICE OF INT	TENTION TO:	SUBSEQU	ENT REPORT OF:	
		PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL	,
	ER SHUT-OFF	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASIN	
FRACTURE		ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*	v
SHOOT OR		CHANGE PLANS	(Other)	J	
REPAIR WE	.bb	CHANGE PLANS	(NOTE: Report results	of multiple completion on \	Well
(Other)	AADARDS AD COMULTURED (annuments (Claurly state all partinent of		etion Report and Log form.)	starting any
proposed	work, If well is direct	OPERATIONS (Clearly state all pertinent octionally drilled, give subsurface location	is and measured and true vertica	l depths for all markers and	d zones perti-
nent to t	his work.) *				
	After obtaini	ing verbal approval, the	e subject well was a	bandoned April	19, 1965.
مان د من ا		-	o basjeet week was		,, =,,,,
in th	e following m	anner:			
	Spotted 30 sa	ax cement, plug at 2850-	·2760' across Dakot	a formation	
	filled hole wa	ith fluid			
	Spotted 30 sa	ax cement plug at 210-1	40 ^t across base of	surface casing	
		ement plug and perman			
	1 dt 10 bast 0	omone prag ome perman			

SIGNED H. C. Wadlington	TITLE	President	DATE April 21, 1965
(This space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE



April 22, 1965

Oil & Gas Conservation Commission 348 East South Temple, Suite 301 Salt Lake City, Utah 84111

Attention: Mr. Cleon B. Feight
Executive Director

Re: Notice of Intention to Drill Well No. Federal A-1, 2060' FNL, 1742' FEL, SE SW NE of Sec. 21, T18S, R24E SLBM, Grand County, Utah

Gentlemen:

In reply to your letter of April 12, 1965, please be advised that Mr. George Fehr, Atlas Building, Salt Lake City, Utah is the agent for Big Horn-Powder River Corporation in the State of Utah.

Drilling of the well in Section 21 has been completed and found to be dry. After having received verbal approval the well was plugged and abandoned on April 19, 1965. Form OGCC-8-X has been filed.

I trust this information will complete the information to be filed with your office.

Yours very truly,

BIG HORN-POWDER RIVER CORPORATION

H. C. Wadlington President

HCW:nsr

cc: Paul W. Burchell Harvey L. Coonts

A ())

April 28, 1965

Big Horn Powder River Corporation 820 Petroleum Club Building Denver, Colorado 80202

Attention: Mr. H. C. Wadlington, President

Re: Well No. Federal "A"-#1
Sec. 21, T. 18 S., R. 24 E.,
Grand County, Utah

Dear Mr. Wadlington:

Thank you for your Form OGCC-8-X and subsequent reports. Please be advised that it will also be necessary for you to file a well log and copies of all electric and/or radioactivity logs run on the above mentioned well.

Please complete the enclosed Forms OGCC-3, "Well Completion or Recompletion Report and Log", in duplicate and forward them to this office as soon as possible. If electric and/or radioactivity logs were not run, please make a statement to that effect in order to keep our records accurate and complete.

Thank you again for your cooperation in this request.

Very truly yours,

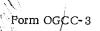
OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER RECORDS CLERK

kgw

Enclosure - Forms

H







Ph

STATE OF UTAH

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

De GWP

\bigstar	OIL & G.	AS C	ONSERV	ATION	СОММ	1188101	1	Teverse si		J-014	
WELL CON	MPLETION	1 OF	R RECON	MPLETIC	N RE	PORT	ANE	LOG*	6. IF I	NDIAN, A	LLOTTEE OR TRIBE NAMI
1a. TYPE OF WELI	L: 01		GAS WELL	DRY		ther			7. UNI	r AGREEM	ENT NAME
b. TYPE OF COMP			3 WBD2 C				_			-	
NEW WELL	WORK DE	EP-	PLUG BACK	DIFF. RESVR.	o	ther Ab	ando	ned	8. FAR		ASE NAME
2. NAME OF OPERATO									9. WEI		ederal
Big Horn 3. ADDRESS OF OPER	-Powder	Riv	er Corp) <u>. </u>						_	1
820 Petr	oleum Cl	ub B	oldg., D	enver,	Colo	orado			10. FIF		POOL, OR WILDCAT
4. LOCATION OF WEL	L (Report locat	ion cle	arly and in o	iccordance w	ith any	State requi	rements	*)*			ldcat
At surface 206	50' FNL,	174	2' FEL	Sec. 2	1				l or	AREA	T18S, R24E
At top prod. into	erval reported b	elow							Sec.		
At total depth	Sa	me									SLM
				14. PERM			DATE I		PA	UNTY OR	13. STATE
5. DATE SPUDDED	16. DATE T.D.	DEACH	ED 17 DAT	84 E COMPL. (R	1571	nrod.) 10		1/8/65 ATIONS (DF, RI		rand	9. ELEV. CASINGHEAD
4/15/65	4/19		11. DAX.	2 COM12. (20	owny to j	p , 1e	. DLEY!	5005 D		,	4993
20. TOTAL DEPTH, MD 8			CK T.D., MD &	TVD 22. I	F MULTI	PLE COMPL.	., [23. INTERVAL	LS ROTAR	Y TOOLS	CABLE TOOLS
2890			,		N	one		<u> </u>		o TD	I OF THE PERSONAL
24. PRODUCING INTER	VAL(S), OF THI	S COMI	PLETION—TOP	, BOTTOM, NA	AME (MD	AND TVD)*	*				25. WAS DIRECTIONAL SURVEY MADE
None											No
6. TYPE ELECTRIC A	ND OTHER LOGS	RUN								27	. WAS WELL CORED
Gamma	Ray-Ne	atro	n								No
28.			CASI	NG RECOR			s set in		two proops		
CASING SIZE	WEIGHT, LE		DEPTH SE			SIZE	-		ING RECORD		AMOUNT PULLED
10-3/4	32, 7	75	16	.5'	13-	3/4"	-	100 8	ax reg	uiar	None
	_		_								
29.	<u> </u>	Т .	ER RECORD	1				30.		RECOR	PACKER SET (MD)
SIZE	TOP (MD)	BOT	TOM (MD)	SACKS CEM	ENT*	SCREEN (M	-	SIZE	- DEPTH S	ET (MD)	PACKER SEI (SE)
		-									
1. PERFORATION REC	ORD (Interval,	size an	d number)			32.	ACI	D, SHOT, FR	ACTURE, CI	EMENT S	QUEEZE, ETC.
						DEPTH IN	TERVAL	(MD)	AMOUNT AN	ND KIND	OF MATERIAL USED
· ·	None										
					}						
						· ·					
33.*						UCTION					(1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DATE FIRST PRODUCT	ION PRO	DUCTIO	N METHOD (Flowing, gas	lift, pun	npingsize	and ty	pe of pump)		well st shut-in	
None	HOURS TESTE	n 1	CHOKE SIZE	PROD'N.	FOR	OIL—BBL.		GASMCF.	WATE	RBBL.	P & A
JAIL OF ILSI	110045 11515			TEST PE							
FLOW. TUBING PRESS.	CASING PRESS	URE	CALCULATED 24-HOUR RAT	OIL—BB	L.	GAS-	-MCF.	WA'	rer—BBL.	0	IL GRAVITY-API (CORR.)
34. DISPOSITION OF G	AS (Sold, used)	or fuel	, vented, etc.))					TEST	WITNESSE	D BY
35. LIST OF ATTACH	MENTS										
36. I hereby certify	that the force	ning an	d attached i	nformation i	s comple	ete and cor	rect as	determined f	rom all avai	lable reco	ords
Jo. I hereby tertify	X-(1/1/1_	all وسدر									
SIGNED	17/12	sel.	unto	TITI	Æ	Pre	side	nt		DATE _	May 21, 196

NSTRUCTIONS

or both pursuant to applicable Federal and/or State laws and volteever are voltered instructions concerning the use of this form and the number of copies to be sorbeit, parsuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or step and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency.

or Federal office for specific instructions.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Coment": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

)P	TRUE VERT. DEPTH	E.	
	TC	MEAS. DEPTH	Surface 26601 2760 2844	
	1	NAME	Mancos Dakota Silt Dakota Sand Morrison	
TERVALS, AND ALL DRILL'SIEM IESTS, INCLUSING	DESCRIPTION, CONTENTS, ETC.			
EN, FLOWING AND SHU	мела. рарти Surface 26601 2760 2884			
USED, TIME TOOL OF	BOTTOM			
KIANT ZONES OF FO. TESTED, CUSHION	TOP			
DEPTH INTERVAL	FORMATION			

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name &	Number: Federal A-1		
Operator Bi	g Horn-Powder River C	erp. Address Denver, Color	ado Phone 534-3550
	Carmack Drilling Co.		
Location SW	v ż <u>NE</u> ż Sec. <u>21</u> T.	18 R. 24 E Grand	County, Utah
Water Sands		21	
]	Depth	Volume	Quality
From	То	Flow Rate or Head	Fresh or Salty
1. 2886	2890	110 ^s Head after 4 hours	i ena di Salty
2.		and any in the second section of the second	or other
3.		i de la la compania de la compania La compania de la co	uriting an
4.		in in the second of the second of the first second of the	
5.			
		(Continued on reverse	side if necessary)
Formation T	ops:		
	Depth	Formation	
	Surface of Ground	Mancos Shale	
	2760	Dakota Sandstone	
Remarks:	2844\$	Morrison shale	
•		pandoned on April 19, 1965	
NOTE: (a)	Upon diminishing supply	of forms, please inform the C	ommission

(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form)(c) If a water analysis has been made of the above reported zone, please

forward a copy along with this form.



STATE OF UTAH



SUBMIT IN DUPLICATE*

(See other in-

1/4	1)

5.	LEASE	DESIGNATION	AND	SERIAL	N

DATE May 21, 1965

September 1	OIL & G	40.00	N N C P D V A	TION	C O M	141001	OM		rse side)	5. LEA	SE DES	IGNATI	ON AND SERIAL NO
	OIL & G	AS CC	NSEKVA	IION	COM	WI 1 2 2 1	ON				J-01		
WELL CO	MPLETION	V OR	RECOM	PLETI	ON R	EPOR	TAN	D LO	G *	6. IF	INDIÂN,	ALLOT	TEE OR TRIBE NAM
1a. TYPE OF WEL	L: 0		GAS WELL		[]	Other				7. UNI	T AGRE	EMENT	NAME
b. TYPE OF COM						()					_	-	
NEW WELL	WORK DOVER E	EEP-	PLUG BACK	DIFF RESV	ir. 🔂 🖄	Other	Aband	oned		S. FAR	M OR I	EASE	NAME
2. NAME OF OPERAT	or									_		r'ede	ral
Big Horr	-Powder	Rive	r Corp.							9. WE			
3. ADDRESS OF OPE	RATOR		_									A-1	
820 Petr	oleum Cl	ub Bl	dg., De	nver	, Col	orado)			_ 10. FI			, OR WILDCAT
4. LOCATION OF WE	LL (Report loca	tion clear	ly and in acc	cordance	with any	i State r	equirem en	ts) *		11 01		ildo	R BLOCK AND SURVE
At surface 20 At top prod. int	601 FNL.	1742	FEL S	Sec. 7	21					Of	AREA		
At top prod. int	erval reported	below			**	()				Sec	, ZI,	, 11	8S, R24E
At total depth	Sa	me				H						SL	M
	24		i	14. PEI	RMIT NO.		DATE	ISSUED			UNTY O	R	13. STATE
				2	34571			4/8/6	5		_{ківн} Jran	d	Utal
15. DATE SPUDDED	16. DATE T.D.	REACHED	17. DATE			prod.)	18. ELE	VATIONS (19. E	LEV. CASINGHEAD
4/15/65	4/19	/65						5005	DF				4993
20. TOTAL DEPTH, MD	& TVD 21. P	LUG, BACK	T.D., MD & TV	D 22.	IF MULT		MPL.,	23, INT	ERVALS LLED BY	ROTAL	RY TOOL	.s	CABLE TOOLS
2890				_	N	one		<u> </u>	->	0 1	to T		. WAS DIRECTIONAL
24. PRODUCING INTER	RVAL(S), OF TH	IS COMPLI	ETION—TOP, 1	воттом,	NAME (M	D AND T	VD)*					20	SURVEY MADE
None													No
26. TYPE ELECTRIC	AND OTHER LOG	SRUN										27. W	AS WELL CORED
Gamma	Ray-Ne	utron											No
2 8.							rings set i		A TO NOT NO	RECORD			THE PLANT OF THE PARTY AND
CASING SIZE	WEIGHT, L		DEPTH SET			E SIZE							AMOUNT PULLED
10-3/4	32.	75	165	-	13	-3/4''		10	U sa	x reg	ular		None
	_												
29.		LINER	RECORD	-			<u>'</u>	30.		TUBING	RECO	RD	
SIZE	TOP (MD)	вотто	M (MD) S	ACKS CE	MENT*	SCREEN	(MD)	SIZE		DEPTH S	ET (MI))	PACKER SET (MD)
31. PERFORATION REC	CORD (Interval,	size and	number)			32.	A(CID, SHOT					EEZE, ETC.
						DEPTH	INTERVA	L (MD)	A	MOUNT A	ND KINI	OF M	(ATERIAL USED
	None					·							
						ļ	,		-				
									-				
33.*					PROD	UCTION			<u> </u>				
DATE FIRST PRODUCT	ION PRO	DDUCTION	METHOD (Flo	wing, ge	ıs lift, pu	mping—	size and t	ype of pu	mp)		WELL S		(Producing or
None	1										0,,,,,,	F	% A 🗸
DATE OF TEST	HOURS TESTE	D CI	HOKE SIZE	PROD'N	I. FOR PERIOD	OIL—B	BL.	GAS-M	CF.	WATE	R—BBL.		GAS-OIL RATIO
			=======					<u> </u>	***	 		017. 2	AVIME ADT (CORD.)
FLOW. TUBING PRESS.	CASING PRESS		LCULATED	OIL—-I	BBL.	G. 	ASMCF.	1	WATER	—BBL.		OIL GE	RAVITY-API (CORR.)
34. DISPOSITION OF G	AS (Sold weed	for tual n	ented etal							TEST	WITNES	SED RY	
ox. Dispusition OF 6	വരുവാധ്യാവ	or juce, v	onvou, 600.j							1001			-
25 * * * * OT * * * OT * OT * OT * OT * O	MENTO			··· · · · · · · · · · · · · · · · · ·					 -				

*(See Instructions and Spaces for Additional Data on Reverse Side)

President

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

TITLE _

SIGNED

NSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Interval, so state in item 22, and in item 24 show the producing for each additional interval, to be separately produced, showing the additional interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

	e.	TRUE VERT. DEPTH	Sec. Ze - Sun	
38. GEOLOGIC MARKERS	TOP	MEAS. DEPTH	Surface 26601 2760 2844 2844	
		NAME	Mancos Dakota Silt or Dakota Sand Morrison o o or	^.^
CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING AND SHUT-IN PRESSURES, AND RECOVERIES	DESCRIPTION, CONTENTS, ETC.		in I Summer I to	
THEREOF; CORED INTERVALS N, FLOWING AND SHUT-IN PRE	DESCRIPT			
MARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, PLOWING	BOTTOM		ero I	
ROUS ZONES: DRTANT ZONES OF POI L TESTED, CUSHION	TOP			1 :0 M
37. SUMMARY OF POROUS SHOW ALL IMPORTANT DEPTH INTERVAL TEST	FORMATION		ini alika i	